ALCN-117US



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appln. No:

To Be Assigned

Applicant:

Jean-Yves FORTIN et al.

Filed: Title: T.C./A.U.: concurrently herewith

IMPROVED ALUMINUM ALLOY-BORON CARBIDE COMPOSITE MATERIAL

Examiner:

## INFORMATION DISCLOSURE STATEMENT

Mail Stop PCT Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98 and to the duty of disclosure set forth in 37 C.F.R. § 1.56, the Examiner in charge of the above-identified application is requested to consider and make of record the references listed on the PTO 1449 (RP) submitted herewith. A copy of the references listed on the 1449 form, other than U.S. patents, is enclosed.

Although the information submitted herewith may be "material" to the Examiner's consideration of the subject application, this submission is not intended to constitute an admission that such information is "prior art" as to the claimed invention.

In accordance with 37 C.F.R. § 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made.

These references were cited by a foreign patent office in a counterpart foreign application. A copy of this English language search report, indicating the degree of relevance determined by the foreign patent office is submitted herewith. MPEP Section 609A(3), second paragraph.

This Information Disclosure Statement is being filed concurrently with the abovereferenced application.

Respectfully submitted,

Jonathan M. Spadt Reg. No. 45,122 Attorney for Applicants

JHS:cbf/dhm

Enclosures: PTO Form 1449

(3) References

International Search Report

Dated: April 21, 2005

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I hereby certify that this paper and fee are being deposited, under 37 C.F.R. § 1.10 and with sufficient postage, using the "Express Mail Post Office to Addressee" service of the United States Postal Service on the date indicated above and that the deposit is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

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## JC Rec'd PCT/PTO 21 APR 2005

Substitute for Form 1449A/PTO	Complete If Known		
	Application Number	To Be Assigned	
INFORMATION DISCLOSURE	Filing Date	Concurrently Herewith	
STATEMENT BY APPLICANT	First Named Inventor	Jean-Yves FORTIN et al.	
(Use as many sheets as necessary)	Art Unit		
	Examiner Name		
SHEET 1 of 2	Attorney Docket No.	ALCN-117US	

	U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.1	Number - Kind Code <sup>2</sup> (if known)	Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
/K.L./		US-4,786,467	11-22-1988	Skibo et al.		
/K.L./		US-5,186,234	02-16-1993	Hammond et al.		
/K.L./		US-5,965,829	10-12-1999	Haynes et al.		
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FOREIGN PATENT DOCUMENTS						
		Foreign Patent Document		Name of Patentee or	Pages, Columns, Lines, Where Relevant	
Examiner Cite Initials* No.1	Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5 (If known)</sup>	Publication Date (MM-DD-YYYY)	Applicant of Cited Document	Passages or Relevant Figures Appear	76	
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10/06/2008 Examiner /Kuang Lin/ Date Considered Signature

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

\*Applicant's unique citation designation number (optional).
\*See Kind Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04.
\*Penter Office that issued the document, by the two-letter code (WIPO Standard St.3).

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Substitute for Form 1449B/PTO	Complete if Known	
	Application Number	To Be Assigned
INFORMATION DISCLOSURE	Filing Date	Concurrently Herewith
STATEMENT BY APPLICANT	First Named Inventor	Jean-Yves FORTIN et al.
(Use as many sheets as necessary)	Art Unit	
	Examiner Name	
SHEET 2 of 2	Attorney Docket No.	ALCN-117US

		NON-PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
/K.L./		LUCAS, STEPHENS, GREULICH: "The Effect of Reinforcent Stability on Composition Redistribution in Cast Aluminium Metal Matrix Composites" MATERIALS SCIENCE AND ENGINEERING, no. A131, 1991, pages 221-230, XP002270490	
/K.L./		KENNEDY, BRAMPTON: "The Reactive Wetting and Incorporation of B4C Particles into Molten Aluminium" SCRIPTA MATERIALIA, no. 44, 2001, pages 1077-1082, XP002270491 UK See introduction and Experimental Procedure. page 1077	
/K.L./		CHERNYSHOVA, REBROV: "Interaction Kinetics of Boron Carbide and Silicon Carbide With Liquid Aluminium" JOURNÁL OF THE LESS COMMON METALS, no. 117, 1986, pages 203-207, XP002270492 Russia	
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10/06/2008 Examiner /Kuang Lin/ Date Signature Considered

\*BOAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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\*The collection of information is required by 37 CFR. 138. The information is statched.

The collection of information is required by 37 CFR. 138. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confiderability is governed by 35 USC. 122 and 37 CFR. 114. This collection is estimated to take 120 minutes to complete, including apthering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the mount of time upon require to complete this form and/or suppections for reducing this burden, should be sent to the Child information Officer. Sheet and Trademark, Office, US. Department of Commerce, P.O. 80x 1450, Mexandris, VA 2213-1450. DO NOT SERD PEES OR COMPLETED FORMS TO THIS ADDRESS.

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